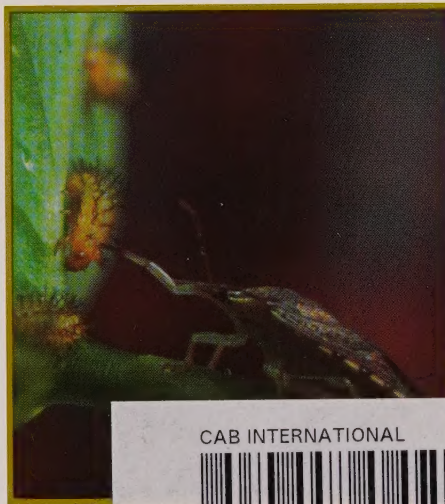


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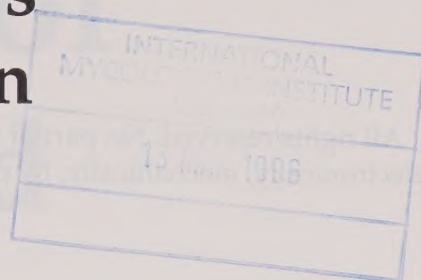
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The layout of an abstract is indicated below:

- | | | | |
|---|-----------------------------------|----|--|
| 1 | Abstract number | 7 | Language of text, and other language of summaries, bibliographic details |
| 2 | Author(s) | 8 | Organization where work was carried out |
| 3 | Title in English | 9 | Abstract |
| 4 | Original title if in Roman script | 10 | [Preferred term] |
| 5 | Journal or other document | | |
| 6 | Year, volume, part and pagination | | |

2493 SILVEIRA, N. S. S.; MICHEREFFI, S. J.; MENEZES, M.; CAMPOS-TAKAKI, G. M. [Potential of *Trichoderma* spp. isolates for the control of *Sclerotium rolfsii* on beans.] Potencial de isolados de *Trichoderma* spp. no controle de *Sclerotium rolfsii* em feijoeiro. *Summa Phytopathologica* (1994) **20** (1) 22-25 [Pt, en, 24 ref.] Departamento de Agronomia-Fitossanidade, Universidade Federal Rural de Pernambuco, 52171-900 - Recife, PE, Brazil.

The antagonistic potential of 14 *Trichoderma* isolates collected from 7 bean [*Phaseolus vulgaris*] and cowpea growing areas of Pernambuco, Brazil, was tested against *Sclerotium rolfsii* [*Corticium rolfsii*]. Inhibition of mycelial growth and production of sclerotia, hyperparasitic activity and reduction of pre-emergence damping-off in *P. vulgaris* seedlings grown under greenhouse conditions were evaluated. The antagonists were applied by seed and soil treatment. The best results were achieved by treating the soil with isolate TN-21, which reduced disease severity by 35.1%. Overall, TN-21 isolates gave the best control of *C. rolfsii* and were selected for further efficiency tests under field conditions.

For non-serial publications such as books, transliterated titles are given for languages in Cyrillic or Greek scripts.

Editorial additions within abstracts appear in square brackets e.g. for preferred Latin names of organisms.

Where an item is not abstracted from the original document but from a secondary source, this is indicated after the authors' affiliation.

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Biocontrol News and Information

Review Articles – Notes for Authors

The editors welcome articles reviewing any aspect of biological control and digests of information pertinent to biological pest control. Manuscripts describing original research will not normally be accepted. Articles and digests should be fully documented and provided with a comprehensive bibliography.

Reviews submitted for publication in BNI should be sent, in duplicate, to the Editor, Biocontrol News and Information, CAB INTERNATIONAL, Silwood Park, Buckhurst Road, Ascot, Berks SL5 7TA, UK.

The views expressed in review articles are those of the authors and do not necessarily reflect the views of their employers, the IIBC or CAB INTERNATIONAL.

Text

Manuscripts should be typewritten (double spaced, with ample margins and on one side of the paper only). Titles should be as brief as is consistent with clarity. Metric units should be used wherever possible, other units if unavoidable should be accompanied by their metric value. Latin names of genera and species should be given in full, with authority at first mention, and should be underlined.

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Twenty free offprints will be sent to the first author of each article. Further copies may be obtained on payment, and the number required should be specified when the paper is submitted.

The Editors also welcome news items, conference reports and views, which should be submitted to the above address.

International Institute of Biological Control

An Institute of CAB INTERNATIONAL

The International Institute of Biological Control (IIBC) provides a service to organizations anywhere in the world interested in the use of biotic agents for the solution of pest problems. It had its origin in 1927 as the Farnham House laboratory of the Commonwealth Institute of Entomology, and began to develop its present structure after the Second World War, when stations were opened in strategic study areas. The headquarters is in the UK, at the Silwood Park Field Station of the Imperial College of Science, Technology and Medicine, and staff are also based in Switzerland, Kenya, Malaysia, Pakistan and Trinidad.

IIBC staff undertake studies on the biology of pests and their natural enemies, select and screen suitable organisms for field trials and collect or breed them for release in the target area. If required, as well as safety screening, IIBC will undertake quarantining of agents at its laboratories in the UK which include special facilities for this purpose. Where necessary, they will assist in field release and assessment. They also participate in integrated pest management programmes intended to maximise the contribution of biological control in pest suppression.

Information in all aspects of the use of biotic agents in pest control is provided through *Biocontrol News and Information*, parasite catalogues, reviews on biological control, research papers, literature surveys for specific projects and in response to enquiries. IIBC holds training courses, and in-service training at the stations can be arranged for scientists and technicians in relevant techniques for field research and laboratory propagation of natural enemies. By arrangement with nearby universities IIBC will supervise studies for higher degrees carried out as part of its research programme.

In addition to its own scientific staff, IIBC is able to call on assistance from the International Institute of Entomology, the International Mycological Institute and the International Institute of Parasitology. Its links with the Silwood Centre for Pest Management, Horticulture Research International and the Institute of Virology and Environmental Management give access to expertise in other aspects of pest pathology, ecology, and management.

Although supported by CAB INTERNATIONAL member countries, the services IIBC are available to anyone who needs them. Advice can also be given to developing countries who wish to set up their own biological control service.

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AN INTERNATIONAL JOURNAL OF BIOLOGICAL CONTROL

The International Journal of Biological Control (IJB) is a peer-reviewed journal that publishes original research papers, reviews, and short communications in the field of biological control. The journal is published quarterly by Taylor & Francis Ltd. The journal is indexed/abstracted in C.A.B. International, Current Contents/Social and Behavioral Sciences, Entomological Abstracts, and others. The journal is a member of the International Association of Biological Control (IABC).

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| Acta Agriculturae Boreali-Sinica | Annals of Tropical Medicine and Parasitology |
| Acta Agriculturae Scandinavica, Section B, Soil and Plant Science. | Annual Report of the Society of Plant Protection of North Japan |
| Acta Agriculturae Universitatis Zhejiangensis | Annual Review of Entomology |
| Acta Agronómica, Universidad Nacional de Colombia | Annual Review of Microbiology |
| Acta Arachnologica Sinica | Annual Review of Phytopathology |
| Acta Botanica Sinica | Antenna (London) |
| Acta Entomologica Chilena | Antimicrobial Agents and Chemotherapy |
| Acta Entomologica Lituanica | Anzeiger für Schädlingskunde, Pflanzenschutz, Umweltschutz |
| Acta Entomologica Sinica | Applied and Environmental Microbiology |
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| Acta Hydrobiologica Sinica | Applied Entomology and Zoology |
| Acta Microbiologica et Immunologica Hungarica | Applied Microbiology and Biotechnology |
| Acta Microbiologica Polonica | Applied Parasitology |
| Acta Mycologica | Applied Plant Science |
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| Acta Oecologica | Arab Journal of Plant Protection |
| Acta Parasitologica | Arboretum Kórmickie |
| Acta Parasitologica Lituanica | Archiv für Protistenkunde |
| Acta Phytophylacica Sinica | Archives of Environmental Contamination and Toxicology |
| Acta Scientiarum Naturalium Universitatis Sunyatseni | Archives of Insect Biochemistry and Physiology |
| Acta Virologica | Archives of Phytopathology and Plant Protection |
| Acta Zootaxonomica Sinica | Archives of Virology |
| Advances in Ecological Research | Arquivos da Universidade Federal Rural do Rio de Janeiro |
| African Crop Science Journal | Arquivos de Biologia e Tecnologia |
| African Entomology | Arroz |
| African Journal of Ecology | Aspects of Applied Biology |
| Afro-Asian Journal of Nematology | Assiut Journal of Agricultural Sciences |
| Afro-Asian Nematology Network | Australian Entomologist |
| Agfacts - Department of Agriculture, New South Wales | Australian Forestry |
| Agnoté (Darwin) | Australian Journal of Agricultural Research |
| Agrarökologie | Australian Journal of Ecology |
| Agri-food Research in Ontario | Australian Journal of Zoology |
| Agricultura, Revista Agropecuaria | Australian Veterinary Journal |
| Agricultural Research (Washington) | Avances en Alimentación y Mejora Animal |
| Agricultural Science Digest (Karnal) | Bacterial Wilt Newsletter |
| Agricultural Science in Finland | Bangladesh Journal of Zoology |
| Agriculture and Human Values | Beiträge zur Entomologie |
| Agriculture et Développement | Bhartiya Krishi Anusandhan Patrika |
| Agriculture, Ecosystems & Environment | Bio/Technology |
| Agroforestry Systems | Biochemical Journal (London) |
| Agrokimiya | Biochemical Systematics and Ecology |
| Agronomía Colombiana | Biochimica et Biophysica Acta, Gene Structure and Expression |
| Agronomie | Biochimica et Biophysica Acta, General Subjects |
| Agronomie Tropicale | Biocontrol News and Information |
| Agronomy Journal | Biocontrol Science and Technology |
| Al Awamia | Biología (Bratislava) |
| Allelopathy Journal | Biologia Plantarum |
| Alon Hanotea | Biological & Pharmaceutical Bulletin |
| American Entomologist | Biological Agriculture & Horticulture |
| American Journal of Alternative Agriculture | Biological Conservation |
| American Journal of Enology and Viticulture | Biological Control |
| American Midland Naturalist | Biological Journal of the Linnean Society |
| American Naturalist | Biologist (London) |
| Anadolu | Biomass and Bioenergy |
| Anais da Sociedade Entomológica do Brasil | Biotechnology Letters |
| Animal Behaviour | Bioved |
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 MAPPS Newsletter
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 PSP Pflanzenschutz Praxis
 Psyche (Cambridge, Mass)
 Qinghai Xumu Shouyi Zazhi
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 RDA Journal of Agricultural Science, Biotechnology
 RDA Journal of Agricultural Science, Crop Protection
 Redia
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 Research Bulletin of the Plant Protection Service, Japan
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 Seed World (Des Plaines)
 Sel'skokhozyaistvennaya Biologiya
 Sementi Elette
 Senckenbergiana Biologica
 SISSTA Sugar Journal
 Slovenský Veterinársky Časopis
 Smithsonian Contributions to Zoology
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 Tijdschrift voor Entomologie
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 Travaux du Laboratoire Biologie et Evolution des Insectes Hemipteroidea
 Trees and Natural Resources

Trends in Ecology & Evolution
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TTJ, Timber Trades Journal
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International Mycological Institute

Bakeham Lane, Egham, Surrey TW20 9TY, UK

International Institute of Biological Control

Silwood Park, Buckhurst Road, Ascot, Berks SL5 7TA, UK, with field stations in Trinidad & Tobago, Switzerland, Pakistan, Malaysia and Kenya.

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